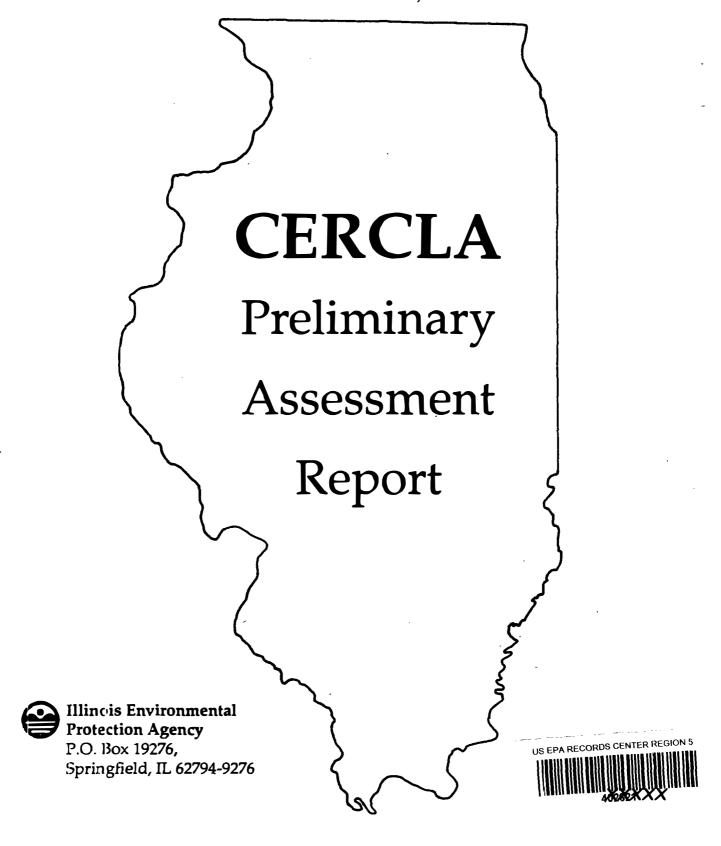
In1958130001 Whiteside Co. Rock Valley Disposal ILD 984903294 SF/HRS



Confidential Material May be Enclosed

# CERCLA Preliminary Assessment Report

for

# Rock Valley Disposal

# ILD 984903294

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Figure 1 Site Location Map Figure 2 Illinois State Map

Section 3

EPA Form 2050-0095 "Potential Hazardous Waste Site Preliminary Assessment Form"

Section 4

Supporting Documents

### I.INTRODUCTION

Rock Valley Disposal, 30237 Plautz Road of Rock Falls (ILD. 984903294) was placed on the Comprehensive Environmental Response, Compensation, and Liability Information Systems (CERCLA) on July 20, 1992. The site was referred to the CERCLA program when personnel with the Illinois Environmental Protection Agency conducted an investigation based on a citizen complaint. During the investigation, observations were made which lead agency personnel to believe that past disposal practices at the site might have adversely impacted nearby surface water and local groundwater.

A Preliminary Assessment (PA) was performed under the authority of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 as amended by Superfund Amendments and Re-Authorization Act (SARA) of 1986. The Preliminary Assessment was performed to collect information to support a decision whether further action is necessary under CERCLA\SARA. The Preliminary Assessment will define the site and discuss its operational history and potential impact on the four environmental pathways (groundwater, surface water, soil exposure and air).

Y. Hall

46.

# 2. SITE HISTORY

Rock Valley Disposal is an inactive rural landfill which was privately owned at the time this investigation was conducted. The

property on which the landfill exists consists of approximately 52 total acres located six miles south east of Rock Falls. Land use around this site is used for agriculture and residential purposes. Prior to landfill operations, this land was used for growing watermelons and agricultural purposes (Reference 15). The site is located within the southeast quarter of southwest quarter of section 23, and the northeast quarter of the northwest quarter of section 26 all being in Township 20 north Range 7 east of the fourth Principal Meridian in Whiteside County Illinois.

Landfill activities were believed to have started around 1960. Twelve 12 acres on the north end of this property, located along Plautz Road, in addition to 10 acres on the southeast corner were used for waste deposition (Reference 2). The landfill was started by Earnest B. Sandusky who purchased the property on June 21, 1960 from David and Leanna Miller. Hence the name Sandusky Landfill remains descriptive of the site today, also known as Rock Valley Disposal and/or Plautz Road Dump. Previous disposal activities at this site were not permitted by the Illinois Environmental Protection Agency. Illinois EPA files contain information of various types of waste deposited on the property. Municipal waste from Rock Falls, automobiles, municipal sewage sludge, septic waste and appliances are all documented to be disposed of at the site. Industrial sources of the Rock Falls area are unknown and whether these wastes were deposited in this landfill. Information concerning when wastes were no longer deposited in this area is currently unavailable. Mr. Earnest Sandusky passed away in 1969 and

EPA files show Mrs. Earnest Sandusky operated until 1972. Contact with Mrs. Sandusky during this investigation was unsuccessful which prevented the project manager from obtaining facts about types and methods used to dispose waste. Specific dates of when the landfill operations were started and finished were unable to be obtained.

Mr Henry Bilthouse from Cook county purchased the landfill property from Mrs. Earnest Sandusky in the early 1970's. Mr. Bilthouse stated he purchased the property along with the trash hauling service as an investment. According to Mr. Bilthouse, wastes were not dumped on this property during his ownership. Instead waste was transported to Dixon, Illinois and landfilled. After waste hauling services happened to be non-profitable, Mr. Bilthouse sold the business and this parcel of property (Reference 14).

In 1980 William Surratt purchased this property from Henry Bilthouse. Mr. Surratt has since leased the areas not landfilled for agricultural purposes. The barrels which were presumed to contain motor oil were kept on site near a storage building by Mr. Surratt At least one drum was found with holes shot into it which allowed it to leak onto the ground. Some construction materials were dumped on the back 10 acres, after 1980, with Mr. Surratt's consent. These problems were recognized on April 1992 and ordered to be resolved in an accepted manner under the jurisdiction of Whiteside County Health department.

Based on the findings of the Health department, the site was referred to Illinois EPA Region I personnel. Previous Whiteside

Na.

County Health department records from 1966 through early 1970's indicate a concern for several environmental problems. Inspection criteria pertained to containment of blowing litter, adequate control of rats and daily covering of waste with soil. These problems were also policed by Illinois EPA as of 1971.

Since the early days when the Illinois EPA was started in 1970, more information on environmental concerns is available. During the last 20 years more stringent criteria have been established for landfills to meet environmental concerns. Landfills are known for containing a wide variety of materials which have the potential to leak out and effect the environment. These materials which leach into the environment may cause harm, in this case to groundwater. Groundwater around the site has not been tested prior to this CERCLA investigation. The site was referred to the CERCLA program for potential NPL listing by EPA Region I personnel based on a potential groundwater contamination.

### 3. SITE RECONNAISSANCE

A CERCLA site reconnaissance inspection was conducted on May 19, 1993 by Mr. Brad Taylor and Mr. Robert Casper with the Illinois Environmental Protection Agency's (IEPA) Site Assessment Program. The inspection was conducted to survey surrounding land use, nearest residence, topographic features, and site conditions.

Upon arrival at Rock Valley Disposal an introduction with Mr. William Surratt transpired. The purpose of conducting the CERCLA

investigation was explained. Mr. Surratt stated that he was cited by the Whiteside County Health Department for several violations, such as the waste oil barrels, wrecked automobiles and also a number of discarded tires. The automobiles were cut apart for scrap metal and salvage materials.

Property boundaries were described by Mr. Surratt followed by a brief history on the different areas of the property. The 12 acre parcel near Plautz Road was used to landfill waste. There were several junk cars and garbage trucks visually observed. Larger trees were growing up through wrecked automobiles which indicated an extended period of time had passed since they were disposed of.

During the reconnaissance it was difficult to determine the extent of landfill boundaries or depth at which debris was buried. Along Plautz Road, the landfill was approximately 10 to 12 feet higher than the road surface. This area appears to have been excavated and then backfilled with waste materials.

As previously stated, the south east corner of the property was also used for landfill purposes. This area consisted of approximately 10 acres and appeared to be an estimated 30 feet higher than surrounding ground surface elevations. The northern edge of the landfill slopes down toward the east. The east end of this area appeared much higher than surrounding areas indicating a greater concentration of waste in this area. The remainder of this parcel of land, 30 acres, is currently used for agricultural purposes.

Topography of the Rock Valley Disposal property was gently

rolling with elevated areas where wastes were deposited. The land adjacent to this property is slightly lower and its primary use is agriculture.

During the CERCLA reconnaissance, the slopes of the landfill were checked for visible leachate. But conditions were dry and no leachate was observed on the landfill slopes. Vegetation did not appear to be stressed or discolored on top or the sides of the landfill. Although, vegetation was sparsely scattered in some areas on top of the landfill which could be attributed to sand content in the soil. Soil did not appear discolored around the landfill.

Photographs were collected to document the site appearance and potential sources of contamination during this site reconnaissance (Reference 3).

# 4. EXPOSURE PATHWAYS

### 4.1 Geology of the Area

Rock Valley Disposal is located in the Green River Lowlands. Unconsolidated deposits within this area resulted from both glacial activity and surface erosion. These unconsolidated deposits overlie limestone bedrock. In the immediate vicinity of the landfill the glacial till from the Pleistocene formation can be found to the depth of approximately 100 feet (Reference 9). The glacial till consists of sand and gravel which is classified as a good to excellent water producing aquifer (Reference 4,9,10). Sandy loam mixed with silt is approximately 30 feet deep from the surface

(Reference 5). Below the sandy loam lies a sand and gravel mixture which extends down to bedrock. A confining or impermeable layer, is nonexistent within 100 feet of ground surface. Below the drift material exists a layer of bedrock which is known as Silurian Limestone formation (Reference 4,9,10).

### 4.2 Groundwater Pathway

Information provided by the Rock Falls water department superintendent indicated that residents within the 4 mile target distance limit of Rock Valley Disposal are not served by public water (Reference 1,6). Therefore, it is believed that all residents within the identified 4 mile target distance limit use private wells (Reference 1). The groundwater pathway target population was derived by counting the number of houses within each distance ring multiplied by the average number of residents per household for Whiteside County (Reference 7).

Distance (Miles)	<u>Wells</u>	Private Well Population
) to 1/4	3	9
1/4 to 1/2	4	11
1/2 to 1.0	14	37
1.0 to 2.0	80	212
2.0 to 3.0	325	861
3.0 to 4.0	412	1092
Totals	838	2222

Residents identified within a 1/4 mile of the landfill are considered primary targets due to close proximity with the site and content of sand and gravel. Wells in this area are finished in the glacial till located above the bedrock. Materials may enter

groundwater through infiltration of soil types. Due to a high amount of sand and gravel content in the soil there is an increased potential of groundwater contamination which may directly affect nearby residents.

Private wells around the landfill have not been tested in the past. Due to a high sand content in the soil, irrigation is used to a large extent on agricultural fields adjoining the landfill. Since large volumes of water can be used during irrigation of agricultural crops, flow of groundwater may be influenced.

Because this area has a high sand content or high infiltration rate and presence of residential wells nearby, a concern for groundwater contamination exists. Mr. Surratt commented that during the early 1980's, his son lived on the north end of the property near Plautz Road. A shallow well on the property was used for drinking and bathing purposes. Mr. Surratt claimed the quality of water from this well was good for drinking, and that it had no noticeable smell, taste or color.

Due to lack of testing, it is unknown whether contaminants exist in groundwater or to what extent the aquifer has been affected.

# 4.3 Surface Water Pathway

During a site reconnaissance on May 19, 1993, there were no indications of surface or overland flow around the perimeter of the landfill. Examples of surface flow looked for were, washouts and erosion. A high infiltration rate due to high sand content in the

soil is another factor which must be considered for surface water release. Based on the factors of overland distance and soil types, a release to surface water is not likely to occur. Sensitive environments were evaluated by the Illinois Department of Conservation and found to be nonexistent within a one mile radius of the site. A 15 mile water route using a drainage ditch called County Ditch No 1 which empties into the Hennepin Canal Feeder also lacked sensitive environments.

A surface water release, as previously stated, was not found during the reconnaissance. Although the shortest overland flow and most likely surface water source to receive runoff from the site is County Ditch No 1. The ditch is a lower perennial located a 1/4 mile south of the site and flows west.

### 4.4 Air Pathway

4 half

Landfill operations were completed by the mid-1970's. Previous Illinois Environmental Protection Agency reports from February 1971 indicated an absence of odor from the landfill itself (Reference 8). No complaints from nearby residents or files from the Whiteside County Fealth department were located. A release to air is not suspected based on past documentation in addition to present conditions of the site. During the site reconnaissance there were no offensive odors or debris observed. The majority of the landfill areas were covered with soil and vegetation. Because these areas were vegetated there is less potential for a release of soil due to wind or airborne erosion.

The estimated number of people living within each distance category are listed below:

Distance (Miles)	<u>Population</u>
On Site	0
0 to 1/4	8
1/4 to 1/2	11
1/2 to 1.0	37
1.0 to 2.0	212
2.0 to 3.0	861
3.0 to 4.0	1092

# 4.5 Soil Exposure Pathway

The soil at the Rock Valley Disposal site is potentially contaminated from unknown constituents within the landfill. Because the site was not permitted by the Illinois Environmental Protection Agency, an account of the different types of waste deposited in the landfill was not maintained.

Information concerning landfill closure is not available at this time. The amount or nature of the clean cover has not been documented. Because the lack of current information concerning this site, the likelihood of direct human contact with soil contaminants is unknown. Soil sampling may be necessary in order to determine whether hazardous materials are present in the soil.

Targets identified at the site include only one residence located off the northwest corner of the landfill near Plautz Road (Reference 1). Since this resident is located within 200 feet of areas suspected of contamination, they are considered primary targets. People who come in contact with the site are limited to

the property owners and a tenant farmer since it is privately owned. There are no site attractions on this property which would attract people to the property for recreational purposes.

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# SUPPORTING DOCUMENTS

# Table of Contents

Reference Number	<u>Documentation</u>
0.1	U.S. Geological Survey, 7.5 minute topographic quadrangle map. 4 mile radius of Rock Valley Disposal.
0:2	Photograph Location Map of Rock Valley Disposal. * Map Not to Scale.
0:3	Taylor, Brad, Il. EPA. Photodocumentation log of Rock Valley Disposal. May 19, 1993.
0.4	Hackett. J.E. and Bergstrom. R.E. Groundwater In Northwestern Illinois. Division of the Illinois State Geological Survey. Circular 207. 1956.
0.5	Illinois Department of Public Health Well Construction Report. Geological and Water Surveys Well Records for Whiteside County.
0 15	Taylor, Brad. Il.EPA, to Gary Tresenriter, Superintendent of Rock Falls Water Department. Telecon. June 14,1993. 2 pages.
0.7	U.S. Department of Commerce, Bureau of the Census, "1990 Census of Population and Housing," Illinois.
0:3	Illinois Environmental Protection Agency Reports for Whiteside County Solid Waste Disposal at Sandusky Landfill. Copies of reports available through division file under heading of "Rock Valley Disposal" in Springfield, Illinois. Bureau of Land Pollution Control.
€0	Foster, J.W. Groundwater Geology of Lee and Whiteside Counties, Illinois. Division of the State Geological Survey. Report of Investigation 194. 1956. 67 pages.

10	Smith, R.S. <u>et al.</u> Whiteside County Soils. University of Illinois Agricultural Experiment Station. Soil Report No. 40. June 1928. 25 pages.
1:.	Illinois Department of Transportation. Aerial Photograph of Rock Valley Disposal site. September 17, 1979.
12	Illinois Department of Transportation. Aerial Photograph of Rock Valley Disposal site. 1988.
13	Illinois Department of Conservation. Sensitive environmental areas. Rock Valley Disposal Site. Whiteside County, Illinois. 2 pages.
14	Taylor, Brad Il. EPA to Henry E. Bilthouse. Previous owner of Rock Valley Disposal site. Telecon. July 12, 1993. 2 pages.
15	Taylor, Brad Il. EPA to Gathy Thicksten. Telecon. July 14, 1993. 1 page.

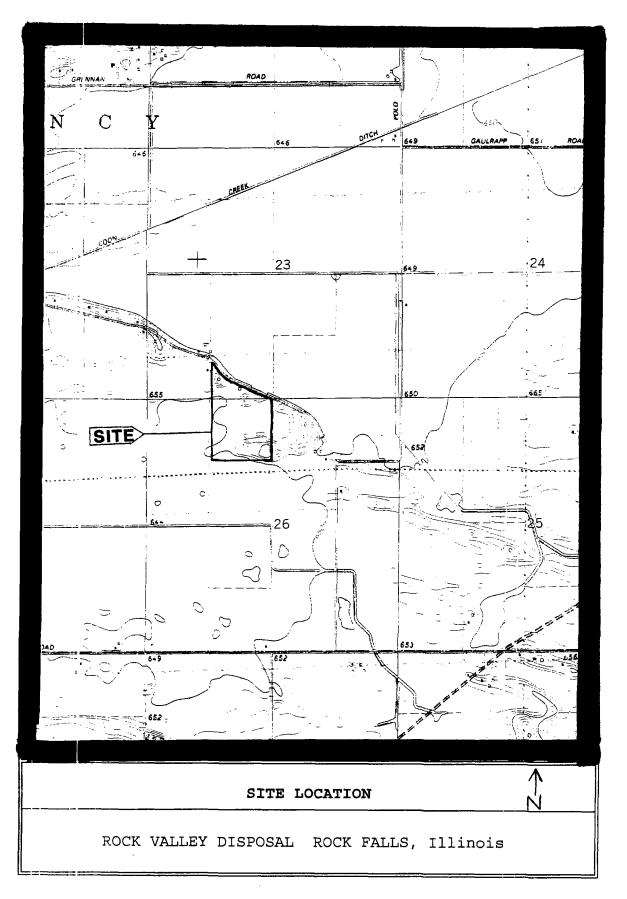
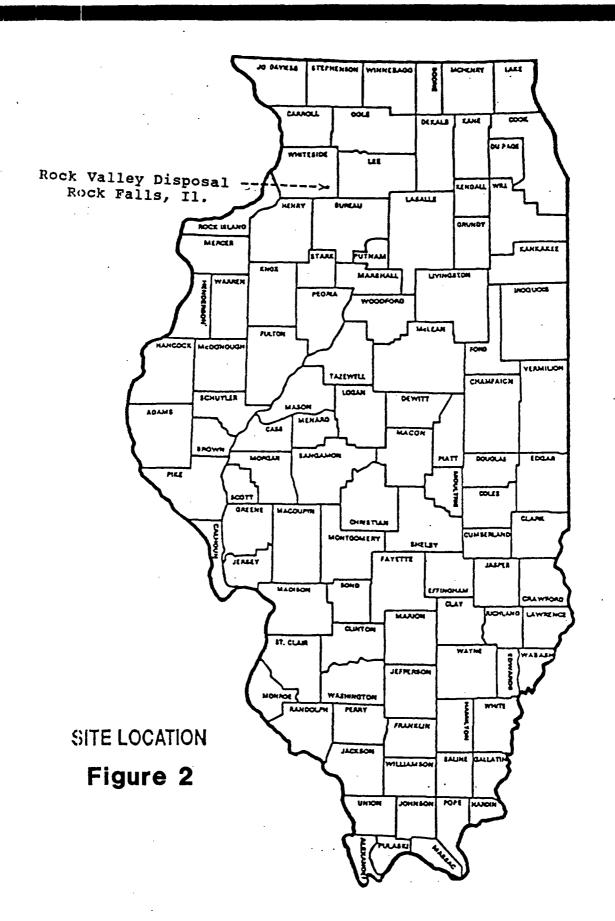


Figure 1



### PA-Score 2.1 Scoresheets Rock Valley Disposal

Sec.

OMB Approval Number: 2050-0095

Approved for Use Through: 4/95

- 06/30/93

IDENTIFICATION POTENTIAL HAZARDOUS State: | CERCLIS Number: WASTE SITE I1 | 984903294 CERCLIS Discovery Date: PRELIMINARY ASSESSMENT FORM 7/20/92 1. General Site Information Street Address: \ame: | 30237 Plautz Road Rock Valley Disposal | Co. |Cong. State: | Zip Code: Il | 61071 County: Whiteside City: |Code: Dist: Rock Falls 195 | 16 [atitude: Longitude: Approx. Area of Site: Status of Site: 41 41' 58.0" 89 39' 49.0" 958320 sq feet Inactive 2. Owner/Operator Information Operator: ha William Surratt None Street Address: Street Address: 30237 Plautz Road City: City: Rock Falls State: | Zip Code: | Telephone: State: | Zip Code: | Telephone: Ii 61071 815-625-4115 Type of Ownership: How Initially Identified: Pr:vate Citizen Complaint

- 06/30/93

West 10				IDI	ENTIFICAT	CON
POTENTIAL HAZARDOUS						
WASTE SITE				State:	984903	
PRELIMINARY ASSESSMENT FORM			-	CERCLIS Discovery Date: 7/20/92		
3. Site Evaluator In	formation			. —		
Name of Evaluator: Agency/BRAD TAYLOR IEPA			Organization:		Date Pro 6/11/9	•
Street Address: 2200 CEURCHILL ROAD				City:   S   SPRINGFIELD		
Name of EPA or State Agency Contact: BRAD TAYLOR			Telephone: 217-524-1660			
Street Address: 2200 CHURCHILL ROAD			City: SPRINGFIELD	Sta		
4. Site Disposition	(for EPA use	only)				
Emergency Response/Removal Assessment Recommendation: No	Response/Removal Assessment Recommendation: No		Signature:  Name:  BRAD TAYLOR		Laylor	
Date: 6/11/93	Date: 6/1	11/93	Position LSCT	1:		

- 06/30/93

16 <sub>1618</sub>			 !		ENTIFICATION	
POTENTIAL HAZARDOUS						
WASTE SITE				State: Il	CERCLIS Number: 984903294	
PRELIMINARY ASSESSMENT FORM				CERCLIS Discovery Date: 7/20/92		
5. General Site Characteristic	cs					
Predominant Land Uses Within 1 Mile of Site: Residential Adricultural	Site Set	ting:	B€		ration: Year: 1958	
Type of Site Operations: Municipal Landfill			1	Generate Offsite	ed:	
i i				Deposit	ion Authorized ner	
[4] a			l.	Accessil es	ole to the Public	
			School	ince to Ne ol, or Woi		
6 Waste Characteristics Info	rmation					
Source Type Quantity Landfill 9.58e+05	Tier sq ft A				ste:	
Tier Legend C = Constituent W = Wastest	tream	Physic Soli	id	ate of Wa	aste as Deposited	

# PA-Score 2.1 Scoresheets Rock Valley Disposal

- 06/30/93

Page: 4

IDENTIFICATION POTENTIAL HAZARDOUS State: CERCLIS Number: 984903294 WASTE SITE Il PRELUMINARY ASSESSMENT FORM CERCLIS Discovery Date: 7/20/92 7. Ground Water Pathway Is Ground Water Used Is There a Suspected List Secondary Target for Drinking Water Release to Ground Population Served by Within 4 Miles: Water: Ground Water Withdrawn Yes Yes From: Type of Ground Water 0 - 1/4 Mile Wells Within 4 Miles: Have Primary Target Drinking Water Wells Private >1/4 - 1/2 Mile 11 Been Identified: Yes >1/2 - 1 Mile 37 Primary Target Depth to Population: 9 >1 - 2 Miles 212 Shallowest Aquifer: >2 - 3 Miles 0 Feet 861 Nearest Designated \*\* Karst Terrain/Aquifer Wellhead Protection >3 - 4 Miles 1092 Present: Area: None within 4 Miles No Total 2221

PA-Score 2.1 Scoresheets
Rock Valley Disposal

- 06/30/93

IDENTIFICATION POTENTIAL HAZARDOUS State: | CERCLIS Number: WASTE SITE Il 984903294 PRELIMINARY ASSESSMENT FORM CERCLIS Discovery Date: 7/20/92 Part 1 of 4 E. Surface Water Pathway Type of Surface Water Draining
Site and 15 Miles Downstream:

Shortest Overland Distance From Any
Source to Surface Water: Other: Dit:ch 1320 Feet 0.2 Miles Is there a Suspected Release to | Site is Located in: Surface Water: No Annual - 10 yr floodplain . Surface Water Pathway Part 2 of 4 Prinking Water Intakes Along the Surface Water Migration Path: No Have Primary Target Drinking Water Intakes Been Identified: No Secondary Target Drinking Water Intakes: None

Page: 6

# PA-Score 2.1 Scoresheets Rock Valley Disposal

- 06/30/93

IDENTIFICATION POTENTIAL HAZARDOUS State: | CERCLIS Number: WASTE SITE Il 984903294 PRELIMINARY ASSESSMENT FORM CERCLIS Discovery Date: 7/20/92

\_\_\_\_\_

8. Surface Water Pathway

Part 3 of 4

Fisheries Located Along the Surface Water Migration Path: No

Have Primary Target Fisheries Been Identified: No

Secondary Target Fisheries: None

# 8. Surface Water Pathway

Part 4 of 4

Wetlands Located Along the Surface Water Migration Path? (y/n) No Have Primary Target Wetlands Been Identified? (y/n) Secondary Target Wetlands:

None

Other Sensitive Environments Along the Surface Water Migration Path: No

\_\_\_\_\_

Have Primary Target Sensitive Environments Been Identified: No

Secondary Marget Sensitive Environments:

None

Page: 7 .

Rock Valley Disposal

- 06/30/93

IDENTIFICATION POTENTIAL HAZARDOUS State: CERCLIS Number: 984903294 WASTE SITE Il CERCLIS Discovery Date: PRELIMINARY ASSESSMENT FORM 7/20/92

9. Soil Exposure Pathway

Are People Occupying Residences or Attending School or Daycare on or Within 200 Feet of Areas of Known or Suspected Contamination: Yes Total Resident Population: 6

\_\_\_\_\_

Number of Workers Onsite: 1 - 100

Have Terrestrial Sensitive Environments Been Identified on or Within 200 Feet of Areas of Known or Suspected Contamination: No

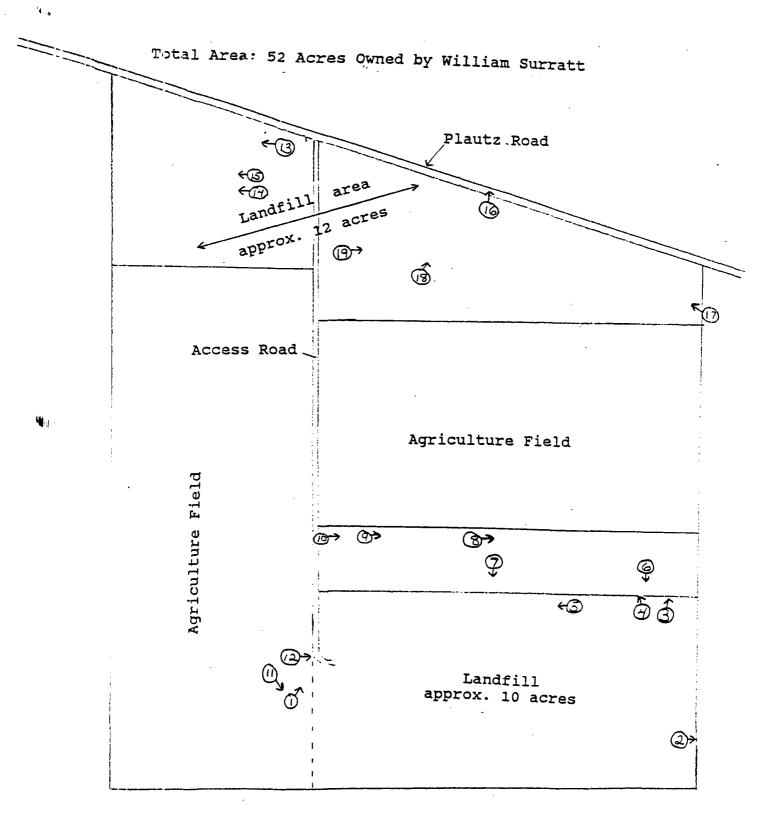
10. Air Pathway

Total Population on or	_	Is There a Suspected Release to Air: No
0 - 1/4 Mile >1/4 - 1/2 Mile >1/2 - 1 Mile	0 8 11 37	Wetlands Located Within 4 Miles of the Site: No
>1 - 2 Miles	212	
>2 - 3 Miles	861	Other Sensitive Environments Located
>3 - 4 Miles	1092	Within 4 Miles of the Site: No
rot.al	2221	

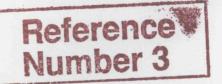
Sensitive Environments Within 1/2 Mile of the Site: None







Photograph Location Map \*Map Not To Scale



DATE: 5/19/93 SITE ILD#:984903294 COUNTY: WHITESIDE

TIME: SITE NAME: ROCK VALLEY DISPOSAL

PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:

Landfill With EPA

Vehicle in Back-

ground.

Direction NE.

#1



DATE: 5/19/93

TIME:

PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:

Taken toward farm-

house off the SE.

corner of the land-

fill.

Direction SE.



DATE: 5/19/93

SITE ILD#:984903294

COUNTY: WHITESIDE

TIME:

SITE NAME: ROCK VALLEY DISPOSAL

PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:

Looking down off

the NE. corner of

the landfill at a

crane.

Direction NE.

#3



DATE: 5/19/93

TIME:

PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:

Taken off NE corner toward Plautz Road

Direction NW.



DATE: 5/19/93

SITE ILD#:984903294

COUNTY: WHITESIDE

TIME:

SITE NAME: ROCK VALLEY DISPOSAL

PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:

Looking West off

North end of 10

acre plot showing

elevation oflandfil

Direction W.

#5



DATE: 5/19/93

TIME:

PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:

Looking at slope of

landfill, differenc

in elevations

Direction S.



DATE: 5/19/93

SITE ILD#:984903294

COUNTY: WHITESIDE

TIME:

SITE NAME: ROCK VALLEY DISPOSAL

PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:



Direction S.

#7

DATE: 5/19/93

TIME:

PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:





DATE: 5/19/93

SITE ILD#:984903294

COUNTY: WHITESIDE

TIME:

SITE NAME: ROCK VALLEY DISPOSAL

PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:

Small Wetland North
of 10 acre landfill

Direction E.

#9



DATE: 5/19/93

TIME:

PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:

Piles of burned

debris.

Direction E.



DATE: 5/19/93

SITE ILD#:984903294

COUNTY: WHITESIDE

TIME:

SITE NAME: ROCK VALLEY DISPOSAL

PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:

Looking at west end of landfill along

Direction SE.

agriculture field

#11



DATE: 5/19/93

TIME:

PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:

Toward landfill

area east of farm

field.

Direction E.



DATE: 5/19/93

SITE ILD#:984903294

COUNTY: WHITESIDE

TIME:

SITE NAME: ROCK VALLEY DISPOSAL

PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:

Toward elevated area near Plautz

Road.

Direction W.

#13



DATE: 5/19/93

TIME:

PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:

intended to be a paper incinerator; unfinished.

Direction W.



DATE: 5/19/93

SITE ILD#:984903294

COUNTY: WHITESIDE

TIME:

SITE NAME: ROCK VALLEY DISPOSAL

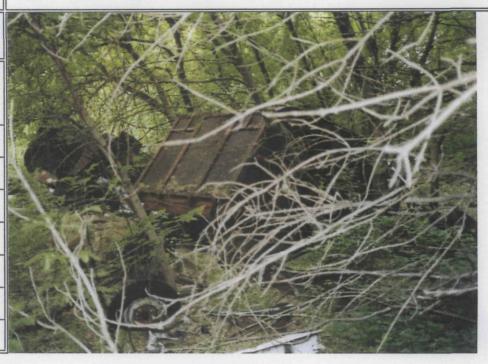
PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:

Old garbage trucks, debris near Plautz Road.

Direction W.

#15



DATE: 5/19/93

TIME:

PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:

Taken from elevated area over looking Plautz Road, Coon Creek across field Direction N.



DATE: 5/19/93

SITE ILD#:984903294

COUNTY: WHITESIDE

TIME:

SITE NAME: ROCK VALLEY DISPOSAL

PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:

Garbage trucks.

Direction NW.

#17



DATE: 5/19/93

TIME:

PHOTOGRAPH TAKEN BY: B. TAYLOR

COMMENTS: Picture taken toward:

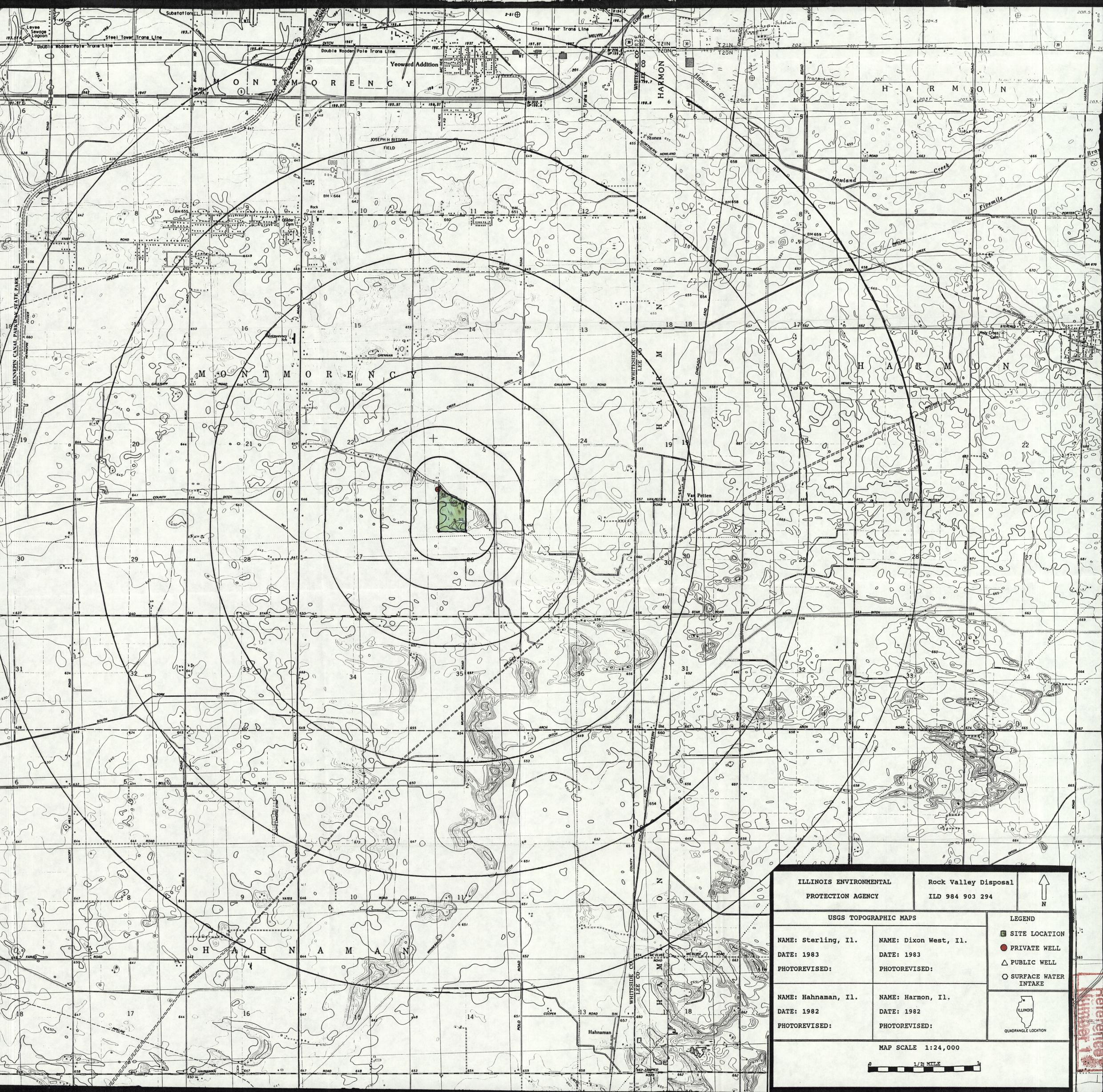
Sand pile unknown

contents.

Direction NE.



DATE: 5/19/93	SITE ILD#:984903294	COUNTY:	WHITESIDE
TIME:	SITE NAME: ROCK VALLEY DISPOSAL		
PHOTOGRAPH TAKEN BY: B. TAYLOR			
COMMENTS: Picture taken toward:			
Sand pile and wreck			
automobile.			
Direction E.			
#19	STATE OF THE STATE	AU	egia, XX
		三世代	



207

<u>Copy</u> 3.

STATE OF ILLINOIS
WILLIAM G. STRATTON, Governor
DEPARTMENT OF REGISTRATION AND EDUCATION
VERA M. BINKS, Director



#### **LIBRARY**

STATE OF ILLINOIS
SPRINGFIELD, ILLINOIS

# GROUNDWATER IN NORTHWESTERN ILLINOIS

by

James E. Hackett Robert E. Bergstrom

DIVISION OF THE
ILLINOIS STATE GEOLOGICAL SURVEY
JOHN C. FRYE, Chief URBANA

CIRCULAR 207

1956

ISGS C207 Copy 3 Environmental Protection Agency
State of Illinois
Springfield, Illinois

#### INSTRUCTI' TO DRILLERS

FILL IN ALL PERTINENT INFORMATION EQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, CONSUMER HEALTH PROTECTION, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62761. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

new we germe

## ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

1.	Type of Wall						
	a. Dug Bored Hole Dlam. 26 in. Depth 44 ft.						
		ıl Bu					
	b. Driven in. Depthft.						
	c. Drilled Finished in Drift In Rock						
		Gravel Pa	cked				
	d. Grout:	(KIND)	FROM (Ft.)	TO (Ft.)			
		_					
	Sentanite 0 2						
	•	LEY'I BOYLLI					
		l					
2.	Distance to Ne	urest:					
	Building	Ft.	Seepage Tile Fie	old			
	Cess Pool		Sewer (non Cast	iron)			
	Privy		Sewer (Cast iron)				
	Septic Tank		Barnyard				
	Leaching Pit _		Manure Pile				
3.	Well furnishes	water for human	consumption? Y	es No			
4.	Date well comp	leted	11/1 20,1	984			
· 5.				No			
		Ту					
				Ft.			
	•			<del></del>			
7.		r Installed? Yo					
				per			
^		o casing?					
		d? Yes		A.Y			
	-	pment Disinfecte					
IU.			і уре				
	Location			·····			
		ubmitted? Yes	No	<del></del> .			
KE	MARKS:						

GEO!	LOGICAL AND WATER S	SURVEYS V	VELL R	ECOF	<b>D</b>		
Addres	SKOCK Jalla	vee			0005/1		
	No	Licens Licens Licens Licens Licens Licens	4-8	-84	-		
at depth to ft. Sec. 2(e.7)  14. Screen: Diam. 12 in. Twp. 201  Length: 20 ft. Slot 0 Rge. 15  Elev. 8							
15. Casing and Liner Pipe							
Diam. (in.) 12"	Place steel Steel screen	0 79	79 99	NE :	sation in fion plat SW SW		
17. Static above gpm fo	lole below casing:  levelft. below casi ground level. Pumping lev pr hours.  FORMATIONS PASSED THROUGH	ng top which el <u>20</u> ft.	when pu	mping	ot 1250		
37	BOTTOM						
Fine to coarse sand 2 44							
Sting	· // •			2	44		
Sting	· to coarse		4	14	2 44 48		
Sting	· · · · · · · · · · · · · · · · · · ·	sand	4 4	14	2 44 48 70		
Sting	e to coarse	sand	4 4	ly ly	2 44 48 70 10-0		
Stine Bli	e to coarse	geniel	7 4	ly ly	2 44 48 70 10-10		

# White Croy - III, Dept. while Health Yellow Copy & Contractor Blue Copy - How Owner

#### INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REC STED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, CONSULT HEALTH PROTECTION, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62761. UNOT DETACH CEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

## ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

1.	Type of Well						
	a. Dug Bored Hole Dlam 15 in Depth 82 ft.						
	Curb material Buried Slab: YesNo						
	b. Driven	Drive Pipe	Diomin.	Depthft.			
	b. Driven						
	Tubular Gravel Packed						
	d. Grout: (KIND) FROM (FL.) TO (FL.)						
	puddlod						
	clay 0 60						
		1.108					
2	Distance to Ne	crest:					
~.	Building		Seepage Tile Fie	eld			
•	Cess Pool		• •	iron)			
	Privy		•	)			
	Septic Tank		•				
	Leaching Pit_		Manure Pile				
3.				es No_X			
4.							
5.	Permanent Pun	p Installed? Ye	sDate	No <u>X</u> _			
	Manufacturer	Tv	peLoca	tion			
	Capacity	_opm. Depth of	Setting	Ft.			
6.	Well Top Seale	d? Yes No	Type Fi	Ft. berglass			
7.	Pitless Adapte	er Installed? Y	esNo_X				
				ber			
	How attached	to casing?					
8.	Well Disinfect	ed? Yes_X_	No				
9.	Pump and Equi	ipment Disinfecte	d? Yes X	No			
10.			Туре	· · · · · · · · · · · · · · · · · · ·			
	Location		<del></del>				
		Submitted? Yes	NoX	, 			
RE	MARKS:						
	• .						

#### GEOLOGICAL AND WATER SURVEYS WELL RECORD

		Non-responsive		Well No	. <u>૧વ</u>	<u>0,8</u>		
	Addres	s Rock Falls, Il						
	Driller	S.D.Albrecht	Licens	e No. 1	02=1	20		
11.	Permit	No. <u>61025</u>	Date _		<del></del>	<del></del>		
12.	Water 1	rom gravel	13. Cow	aty <u>Wh</u>	1 tes	ide		
		th 52_ to _82_ft.	Sec.	_26.				
14.	Screen	: Diam. 12 in.	Twp	. 20N				
	Length	: 22 ft. Slot 60		_7E_		-1		
		-	_	, <del></del>		╂╼╂╼╂		
15.	Casing	and Liner Pipe			<u> </u>			
Die	m. (in.)	Kind and Weight	From (Ft.)	To (Ft.)	] ,,,,	SHOW CATION IN		
					BRC	TION PLAT		
	15	plastic	C	60	30"	5,30,10,		
	ــــــــــــــــــــــــــــــــــــــ	prastu:			158/	NW.		
16	Size H	ole below casing: 15	اــــــــــــــــــــــــــــــــــــ		المك	ricjation,		
		level 6 ft. below casi		ch is		ft.		
• • •		ground level. Pumping lev						
		r hours.	•••	. wasa p		,		
		FORMATIONS PASSED THROUGH		THIC	KNESS	DERTH OF		
18.		TURALIONS PASSED INCOC		I HIC	VUE39	DEPTH OF BOTTOM		
_3,	/8" <i>{</i>	gravel			4	34		
_c	lay			_ 1	8	52		
	•				0	82		
بر.	/O·	gravel	<del></del>		ν	- 02		
			<del></del>			<del> </del>		
_					·			
				_	******	<u> </u>		
						<u> </u>		
				1				
			· <del>************************************</del>					
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(C	JAITAO	ie on separate sheet if	NECESSARY	n				
		0 9 m 000	1.0	A	UG 2	9 1077		
SIG	NED	S. Daw Ollred	DI	ATE		7 13//		
		α	for					
			,					

## STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

V'hiteside county	Land
^ ^	DIVISION
SIME: Rock Valley Disposal	ILD# 984903294
Re: Groundwater use south of Rock F	allo.
CONVERSATION WITH: Gary Treserviter	Superintendent of water Department
( ) I CALLED PARTY (X) PARTY CALLED	ME DATE 6/14/93 TIME: 1:15P
( ) COMPLAINANT ( ) VIOLATOR ( )	PUBLIC INQUIRY ( ) PARTITIONER
What I said:	What other party said:
	Had a note to call Brad Taylor.
	· · · · · · · · · · · · · · · · · · ·
Thanks for returning my call.	
Dominion a ste mustigation	· ·
of " area south of Rock Falls and	
me & to know chout the groundwater	
us in the area Da interested	
in a couple fores the first in	•
2 Tree labeled Yearard Addition	
on a torographic map.	This area located south of Route
	30 is not sever by Rock Falls miniapel
	water and is on groundwater wells
	through private use.
The second area so Maturency	
located on Route 88 south of Rock	
Fall	This over is not seved by Rak
	Continue on other side if needed.
Beach anylow	<u> L</u> SCT
Signature	Title

### AVERAGE PERSONS PER HOUSEHOLD 1990 BUREAU OF THE CENSUS

************	******	*********	DEDCONG /			•	PERSONS/	
COUNTY	POPULATION	UNITS II	PERSONS/ IOUSEHOLD	COUNTY	POPULATION	UNITS I	OUSEHOLD	*******
ADAHS	66,090	25,515	2.59	KENDALL	19 411	T3 301	2.96	
ALEXANDER	10,626	4,234	2.59	KNOX	39,413 56,393	13,301 21,909	2.57	
BOND	14,991	5,652	2.65	LAKE	516,418	173,966	2.97	
BOONE	30,806	10,950	2.81	LESALLE	106.913	11,284	2.59	
BROWN	5,836	1,991	2.93	LAWRENCE	15,972	6,320	2.53	
BUREAU		13,790	2.59	LEE	34,392	12,475	2.76	•
CALHOUN	5,322	2,048	2.60	LIVINGSTON	39,301	13,737	2.86	
CARROLL	16,805	6,638	2.53	LOGAN	30,798	11,033	2.79	
CASS	13,437	5.195	2.59	MCDONOUGH	35,244	12,255	2.88	
CHAMPAIGN	173,025	63,900	2.71	MCHENRY	183,241	62,940	2.91	
CHRISTIAN	34,418	13.591	2.53	HCLEAN	129,180	46,796	2.76	
CLARK	15,921	6,394	2.19	HACON	117,206	45,996	2.56	
CLAY	14,460	5,708	2.53	MACOUPIN	47,679	18,176	2.62	
CLINTON	33,944	11,583	2.93	MADISON	249,238	94,857	2.63	•
COLES	51,644	18,957	2.12	MARION	41,561	16,272	2.55	
COOK	5,105,067	1 879 189	2.72	MARSHALL	12,846	4,900	2.62	
CRAWFORD	19,464	7,792	2.50	HASON	16,269	6,342	2.57	
CUMBERLAND	10,670	4,029	2.65	MASSAC	14,752	5,908	2.50	
DEKALB	77,932	26,413	2.95	HENARD	11,164	4,199	2.66	
DEWITT	16,516	6,488	2.55	HERCER	17,290	6,572	2.63	
DOUGLAS	19,464	7,206	2.70	MONROE	22,422	8,189	2.74	
DUPAGE	781,886	279,344	2.80	HONTGOMERY	30,728	11,480	2.68	
EDGAR	19,595	7,859	2.49	MORGAN	36,397	13,678	2.66	
EDWARDS	7,440	3,016	2.47	MOULTRIE	13,930	5,122	2.12	
EFFINGHAM	31,704	11,465	2.77	OGLE	45,957	17,132	2.68	
FAYETTE	20,893	7,719	2.71	PEORIA	182,827	70,797	2.58	
FORD	14,275	5,602	2.55	PERRY	21,412	8,306	2.58	
FRANKLIN	40,319	16,564	2.43	PIATT	15,548	5,934	2.62	
FULTON	38,080	14,893	2.56	PIKE	17,577	7,016	2.51	
GALLATIN	6,909	2,785	2.48	POPE	4,373	1,611	2.71	
GREENE	15,317	5,910	2.59	PULASKI	7,523	2,957	2.54	
GRUNDY	32,337	11,979	2.10	PUTNAM	5,730	2,204	2.60	
HAMILTON	8,499	3,476	2.45	RANDOLPH	34,583	11,949 6,503	2.89 2.54	
HANCOCK	21,373	8,409	2.54	RICHLAND	16,545		2.51	
HARDIN	5,189	2,049	2.53	ROCK ISLAND	148,723	59,317 95,333	2.76	
HENDERSON HENRY	8,096	3,237	2.50	ST. CLAIR	262,852 26.551	10.839	2.45	
IROQUOIS	51,159	19.514	2.62 2.61	SALINE	178,386	72,148	2.17	
JACKSON	30,787 61,067	11,788	2.60	SANGAMON SCHUYLER	7,498	3,002	2.50	
JASPER	10,609	23,466 3,962	2.68	SCOTT	5,644	2,190	2.58	
JEFFERSON	37,020	14,606	2.53	SHELBY	22,261	8,563	2.60	
JERSEY	20.539	7,344	2.80	STARK	6,534	2,512	2.60	
JO DAVIESS	21,821	8,371	2.61		48,052	18,920	2.54	
JOHNSON	11,347	3,725	3.05	STEPHENSON	123,692	47,171	2.62	
KANE	317,471	107 176	2.96	TAZEWELL UNION	17,619	6,838	2.58	
KANKAKEE	96,255	107,176 34,623	2.78	VERHILION	88,257	34,072	2.59	
ID WILLIAM DE	30,233	34,023	2.10	WABASH	13,111	5,032	2.61	
				WARREN	19,181		2.59	
				WARREN WASHIGHTON	14,965	5,658	2.64	
				WASHIGHTON	17,241	6,935	2.19	
				WHITE	16,522	6,845	2.41	
				WHITESIDE	60,186		2,65	
				WILL	357,313	116,933	3.06	
				WILLIAMSON	57,733	23,120	2.50	
				WINNEBAGO	252,913	96,727	2.61	

Reference Number 7

Reference

DIVISION OF THE
STATE GEOLOGICAESURVEY

JOHN C. FRYE. Chief

URBANA

REPORT OF INVESTIGATIONS 194

GROUNDWATER GEOLOGY OF LEE AND WHITESIDE COUNTIES, ILLINOIS

JOHN W. FOSTER



URBANA, ILLINOIS

BANA, ILLINOIS

1956

ENVIRONMENTAL PROTECTION AGEN

STATE OF ILLINOIS
SPRINGFIELD, ILLINOIS

# THE RELEASE

# LINIVERSITY OF ILLINOIS Agricultural Experiment Station

SOIL REPORT No. 40

## WHITESIDE COUNTY SOILS

Br. R. S. SMITH. O. I. ELLIS, E. E. DATURE, F. C. BAUER



Library

ENVIRONMENTAL PROTECTION AGENCY
STATE OF ILLINOIS
SPRINGFIELD ILLINOIS

URBANA, ILLINOIS, JUNE, 1928

Suil Rept No 40





John W. Comerio, Deputy Director

July 2, 1993

Bruce F. Clay, Assistant Director

Mr. Brai Taylor LPC/IEPA P.O. Box 19276 Springfield, IL 62794-9276

Re: ILD #984903294 Whiteside County

Brent Manning, Director

Dear Mr. Taylor:

Thank you for your June 22, 1993 request regarding the noted CERCLIS site in Whiteside County.

Based on our review there are no sensitive areas (form attached) on-site or in the 0-1/4, 1/4-1/2 or 1/2-1 mile radius of the site or along the 15 mile waterpath which indluces a drainage ditch and a portion of the Hennepin Canal Feeder and State Trail.

Thank you for the opportunity to comment.

erucerery,

Richard W. Lutz

Acting Chief

Division of Impact Analysis

RWL: mcr

attachment: sensitive areas form

11.04 984903294

4...

DEPTIREMENT OF CONSERVATION IDENTIFICATION OF ENVIRONMENTAL SENSITIVE AREAS

411

- 2 more Ichimm from ares

TARGET DISTANCE CATEGORIES

	SENSITIVE ENVIRONMENTS	Un-site	0-1/4 mile	1/4-1/2 mile	stream milage	
ن ا	Critical habitat for Federally designated or proposed endangered or threatened species	l	1	1		
Ė	Mabitat known to be used by Federally designated or proposed endangered or threatened species	1	1	1		
= =	III. State wildlife refuge		1	1		
	Spawning areas critical for the maintenance of fish/ shellfish species within a river system	1	1	1		
<u>.</u> د	Terrestrial areas utilized by large or dense aggregations of verbebrate animals for breeding	١	. [	1		
5	Habitat known to be used by State designated or threatened species	1	1	ı		
=	VII. Habitat known to be used by a species under review as to its Federal endangered or threatened status				ŀ	•
VIII.	. State lands designated for wildlife or game management	١	1.	1		
×	State designated natural area	_	-	1	,	
×	Particular areas, relatively small in size, important to the maintenance of unique biotic communities	١		1		

If any of the sensitive areas identified above exist within the designated target distance limits, please post an asterisk (\*) in the appropriate column.



## STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

Whites le	Land Pollation DIVISION
SITE: Rock Ualley Draposal	ILD# 984903 294
Re: Dump Status	
CONVERSATION WITH: Henry E. Butthouse	
(X) I CALLED PARTY ( ) PARTY CALLED ( ) COMPLAINANT ( ) VIOLATOR ( )	ME DATE 7/12/93 TIME: 6:40p
What I said:	What other party said:
Hello Mr Biltimos my name is	
Breltaylor with the St. EPA.	
Da conducting an investigation	<del></del>
5 garrel of property in Rock Follo	·
almost 6 miles south. This piece of	·
is lesstadon Plusta Road and walte	
Set the old Sandraky Dump.	
	Jes & know what property you're talking
	about . I bought this piece of peopety
	as an invatinent along with a partner. We
	auchas the track had a service at the
	land from mas Sandy ky.
Previous EPA liles show that mrs.	
Stand the operated the dange until	
at least 1972.	
D: you recal! when you purchased	
In property.	Continue on other side if needed.
	LSCT
Signature	Title

what I said:	What other party said:
	D know it was in the early 70's.
Ca- you tell me about any operations	
on bail on this neperty.	
	We did not not the property to get
	any wants here The only thing we may
	have done was to level off some of the
	hills on the property.
	We brought the brusiness for houling
	track as an investment. The track
	was transported up to Dixon. We
	were not into the landfill and of the op-
	eration. This bruiness was not too
	profitable so we soldthe brusiness
	shortly afterwards.
	_ I remember this property was not
	good for landfill purposes because it was
· .	Sanandy
i) ell become of soil condition there	
vo concertal prouduater quality.	
his concer resulted in an investigation	
3 de to diterine whether further	
ork needs to be perfermed on this site.	
OMMENTS:	
EFERRED TO:	UNIT:
ECOMMENDATIONS:	
	Ro Ma 1

Signature

### STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

COUNTY	<u>Land Pollution</u> DIVISION
SITE: BRock Valley Disposal	ILD# 984 903294
Re: Drump Stotus	
CONTERSATION WITH: Henry E. Bilthous	a .
(X) I CALLED PARTY ( ) PARTY CALLED	•
	PUBLIC INQUIRY ( ) PARTITIONER
What I said:	What other party said:
Contid.	
( ) a you have my information about	
the grapety during Sanlucky Owner -	
Home 5 Hours 2	. No Som not suce what the Sandruky
	But on the grapety.
When lid you cell the gropets.	
	around 1980 a mon named
	Sweeth was laking for a place in
	the courtage to build a home.
	3
will apparente your time	•
mo mornation	Ok. Buc!
· · · · · · · · · · · · · · · · · · ·	
1,4	
	Continue on other side if needed.
Grade andor	LSCT
Signature	Title

## STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

U) hiteails.	Cand Pollation Control
SITE: Rock Valley Disposel	ILD# 984903294
Re: Land Use Prior to 1959	
CONVERSATION WITH: Gathy Thicken / W	ife of Howard Thicketer
(   I CALLED PARTY (X ) PARTY CALLED	· ·
( COMPLAINANT ( ) VIOLATOR ( ) P	•
What I said:	What other party said:
God moving! Dappreciate you	
calling Suck	
	Well & checked with family mentales
Mit :	and what we wall could find out was,
	this property was the home of Elvin
	and Ethel Flickoton. These people were
	my Hudon So Howard, grandparents. The
	property was used to grow watermelons
	and agracultural surposes. The land
	was sold to the Miller's under a land
	contract.
on April 1960. 1959.	The property was not used as a disma
	as for as we know while the property
	bevas in the Thickster family
Le Well that so what I wented	o 1
to know. Thank you and Good bye!	Continue on other side if needed.
Brodonie.	LSCT Title